Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	0.00	Rating **	Α	Issue No.		18	
LM End	0.00	Issue Type +	Ма	Location *		N/A	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Flood Pre	paredness &	Training		0		0
item					0		0
DWR ID DWR_RD2092_01_f _ 2012_18							
		Comn	nent Coc	le			
		Inspecto	or Comm	ent			
LMA prepa	aredness a	nd training is	adequat	e for flood i	esp	onse.	

No Photos

Rating ** Issue No. 0.00 Α LM Start 24 0.00 Issue Type + Ма Location * N/A LM End Earthen Levee GPS Latitude/Longitude Category Start End Operations & Maintenance Item Manuals DWR_RD2092_01_s _ 2012_24 DWR ID Comment Code Inspector Comment LMA has the O&M manual for their district.

No Photos

Rating ** Issue No. 26 LM Start 0.00 Location * 0.00 Issue Type + Ма N/A LM End GPS Latitude/Longitude Earthen Levee Category End **Emergency Supplies &** Item Equipment DWR ID DWR_RD2092_01_s _ 2012_26 Comment Code Inspector Comment LMA has adequate flood fighting supplies.

U : Unacceptable

No Photos

En: Enforcement

* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	0.18	Rating **	М	Issue No.		973
LM End	0.18	Issue Type +	Ма	Location *		
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	37.60203	°	37.602031 °
пеш				-121.16124	.9°	-121.161249°
DWR ID	20561					·

Inspector Comment

Comment Code

FS_ID:27123 DS_ID:20561 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 Pipe rusted through at headwall on LS toe. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in an 80-inch corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 0.18)].

FS Date: 1/16/2014 12:03:14 PM

LM Start	0.18	Rating **	М	Issue No.	973 (cont)
LM End	0.18	Issue Type +	Ma	Location *	



Slide gate in 80-inch CMP riser on WS slope.

Photo 2 of 3: UCIP_FA_2018_27123_50241.jpg



Concrete headwall on LS toe in front of pump on pier.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	0.18	Rating **	М	Issue No.		973 (cont)	
LM End	0.18	Issue Type +	Ma	Location *			
Category	Suppleme	ental		GPS Lat	itud	le/Longitude	
Category				Start		End	
Item	DWR UCI	P LMA Respo	onsibility	37.60203	1°	37.602031	0
пеш				-121.16124	9°	-121.161249	0
DWR ID	20561						

Inspector Comment

Comment Code

FS_ID:27123 DS_ID:20561 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 Pipe rusted through at headwall on LS toe. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in an 80-inch corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 0.18)].

FS Date: 1/16/2014 12:03:14 PM

Photo 3 of 3: UCIP_FA_2018_27123_50240.jpg



Flapgate and headwall on WS toe.

LM Start 0.36 Rating ** Issue No. 36 Issue Type + Location * LS 0.75 Ма LM End Earthen Levee GPS Latitude/Longitude Category End Vegetation 37.601353° 37.597473 Item -121.164330° -121.168471 ° DWR ID DWR RD2092 01 f 2018 36 Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

vegetation along landside toe and slope.

Photo 1 of 1: FA_2018_RD2092_116_36_20181005_00048.jpg



Vegetation along landside slope and toe obstructing view. (Fall 2018)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	0.44	Rating **	М	Issue No.		31
LM End	0.44	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Start End						
Trim / Thin Trees 37.601149 ° 37.601149						
-121.165772 ° -121.165772 °						
DWR ID DWR_RD2092_01_s _ 2018_31						
DWR ID	DWR_RD2	092_01_s _ 201	8_31			

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove small tree on waterward shoulder before tree is establish.



Looking upstream at small tree on waterward should next to pole. (Spring 2018)

LM Start	0.59	Rating **	М	Issue No.		40
LM End	0.59	Issue Type +	Ма	Location *		LS
Category	Category Earthen Levee GPS Latitude/Longitude					le/Longitude
Calegory	Start End					End
Item	Slope Stability 37.599406 ° 37.599406					
item				-121.1670	83°	-121.167083 °
DWR ID	DWR_RD2	092_01_f _ 201	8_40			·

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Vehicle tracks in landside slope should be repaired.

Photo 1 of 1 : FA_2018_RD2092_116_40_20181005_00049.jpg



Vehicle tracks in landside slope approximately 6" deep perpendicular to the slope. (Fall 2018)

LM End 0.60 Issue Type + Ma Location * WS Category Earthen Levee GPS Latitude/Longitude Start End Vegetation 37.599372 ° 37.599372 ° -121.167123 ° -121.167123 °	LM Start	0.60	Rating **	U	Issue No.		38	
Category Start End Item Vegetation 37.599372 ° 37.599372 °	LM End	0.60	Issue Type +	Ma	Location *		WS	
Start End Vegetation 37.599372 Item 37.599372		Earthen L	evee		GPS La	titud	e/Longitude	
Item	Calegory				Start		End	
-121.167123° -121.167123°	Itom	Vegetatio	n		37.5993	72°	37.599372	٥
	item				-121.1671	23 °	-121.167123	0
DWR ID DWR_RD2092_01_f _ 2018_38	DWR ID	DWR_RD2	092_01_f _ 201	8_38				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

brush on waterside shoulder, partially blocking crown.



Brush on waterside shoulder should be cleared. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	0.61	Rating **	М	Issue No.		21	
LM End	0.61	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		37.5992	° 80	37.599208°	
пеш		-121.1				-121.167150°	
DWR ID DWR_RD2092_01_s _ 2018_21							
		Comn	nent Cod	de			
T2 : Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
		Inspecto	or Comm	nent			
Remove s	mall tree o	n waterward s	houlder	before tree	is e	stablish.	



Looking downsream at small tree on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	М	Issue No.	42		
LM End	0.83	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item		rface / Depres	ssions /	37.5968	95°	37.596351°	
пеш	Rutting			-121.168493 °		-121.168360°	
DWR ID	DWR_RD2	092_01_f _ 201	8_42				
		Comn	nent Cod	le			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			
	Inspector Comment						

No Photos

LM Start	1.25	Rating **	М	Issue No.		39		
LM End	1.31	Issue Type +	Ma	Location *	CR			
Category	Earthen L	evee	GPS La	atitud	e/Longitude			
Calegory				Start		End		
Item		rface / Depres	ssions /	37.5909	36°	37.590524°		
item	Rutting			-121.1648	19°	-121.163947°		
DWR ID	DWR_RD2	092_01_s _ 201	7_39					
		Comn	nent Cod	de				
C3: Add a	ppropriate	gravel or roa	d base.	Grade and	com	ipact.		
		Inspecto	or Comm	nent				



Looking upstream at rutting and depression on levee crown. (Spring 2018)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	1.30	Rating **	A/W	Issue No.	976		
LM End	1.30	Issue Type +	Ма	Location *			
Category	Supplemental				GPS Latitude/Longitude		
Calegory	tegory					End	
Item	DWR UCI	P LMA Respo	nsibility	37.59060)3°	37.590603°	
item				-121.1641	11 °	-121.164111 °	
DWR ID	20562						
Comment Code							

Inspector Comment

FS_ID:20889 DS_ID:20562 EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found

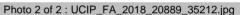
UCIP Comments:

FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 4-foot by 6-foot concrete distribution box on the landside (LS) toe. 5-foot by 5-foot concrete riser on the WS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.31)].
FS Date: 9/24/2013

LM Start	1.30	Rating **	A/W	Issue No.	976 (cont)
LM End	1.30	Issue Type +	Ma	Location *	



Slide gate in 48-inch CMP riser on WS slope.





Concrete distribution box at concrete canal on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	1.30	Rating **	М	Issue No.		34		
LM End	1.53	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		37.5905	88°	37.588044°		
пеш				-121.1640	98°	-121.162216°		
DWR ID	DWR_RD2	092_01_f _ 201	8_34					
		Comn	nent Cod	de				
V1 : Control annual grass and weeds on the levee slopes and easements.								
Inspector Comment								
vegetation	vegetation along landside toe							

Photo 1 of 1: FA_2018_RD2092_116_34_20181005_00051.jpg

Vegetation along landside toe preventing access and view. (Fall 2018)

LM Start	1.32	Rating **	A/W	Issue No.		10	
LM End	1.32	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		37.5904	67°	37.590467°	
пеш			-121.1638	22°	-121.163822°		
DWR ID	DWR ID DWR_RD2092_01_s _ 2012_10						

PI : Pipe

Inspector Comment

Comment Code

A sand boil appeared on the landside toe of the levee because of an underground pipe leakage. The pipe and boil have been repaired but should be monitored.

Photo 1 of 2: FA_2018_RD2092_116_10_20180905_00002.jpg



During spring inspection 2012, the sand boil was not active but materials were present on the landside toe of the levee. The sand boil occurred due to an underground irrigation pipe leakage. The picture was taken from the crown looking toward the toe of the levee. The area was repaired but should be monitored.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	1.32	Rating **	A/W	Issue No.		10 (cont)	
LM End	1.32	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	gory			Start		End	
Item	Encroach	ments		37.5904	67°	37.590467°	
item				-121.1638	22 °	-121.163822°	
DWR ID DWR_RD2092_01_s _ 2012_10							
Comment Code							
DI : Dino							

PI: Pipe

Inspector Comment

A sand boil appeared on the landside toe of the levee because of an underground pipe leakage. The pipe and boil have been repaired but should be monitored.

Photo 2 of 2: FA_2018_RD2092_116_10_20180905_00003.jpg



A sand boil was found on the landside of the levee. It was caused by a pipe leak couple of feet below the boil location. LMA was notified to repair it as soon as possible. The picture was taken from the crown looking upstream.

LM Start	1.69	Rating **	A/W	Issue No.	977		
LM End	1.69	Issue Type +	Ma	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	P LMA Respo	nsibility	37.58593	38 °	37.585938°	
пеш				-121.16334	18°	-121.163348°	
DWR ID	20563						
Comment Code							

Inspector Comment

FS_ID:20891 DS_ID:20563 EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)].

FS Date: 9/24/2013

Photo 1 of 3: UCIP_FA_2018_20891_35216.jpg



Slide gate in 36-inch CMP riser on WS slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	1.69	Rating **	A/W	Issue No.		977 (cont)		
LM End	1.69	Issue Type +	Ма	Location *		Location *		
Category	Supplemental			GPS Latitude/Longitude				
Category						End		
Item	DWR UCI	P LMA Respo	nsibility	37.58593	38°	37.585938 °		
пеш					48 °	-121.163348°		
DWR ID	20563							

Inspector Comment

Comment Code

FS_ID:20891 DS_ID:20563 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)].

FS Date: 9/24/2013

LM Start	1.69	Rating **	A/W	Issue No.	977 (cont)
LM End	1.69	Issue Type +	Ma	Location *	



Slide gate in 36-inch CMP riser on WS slope.

Photo 3 of 3: UCIP_FA_2018_20891_35214.jpg



Concrete headwall at base of LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

	4.00	D-4: **		Innun Nin			
LM Start	1.82	Rating **	U	Issue No.	32		
LM End	2.71	Issue Type +	Ma	Location *		WS	
Category	evee	GPS La	atitud	e/Longitude			
Odiogory				Start		End	
Item	Vegetatio	n		37.5841	68°	37.576007°	
itein				-121.1626	68°	-121.157221°	
DWR ID DWR_RD2092_01_f _ 2018_32							
		Comn	nent Cod	de			
V1 : Contro		rass and wee	ds on th	e levee slo	pes	and	
		Inspecto	or Comm	nent			



Vegetation on waterside slope should be maintained. (Fall 2018)

LM Start	1.92	Rating **	М	Issue No.	37			
LM End	1.92	Issue Type +	Ma	Location *	CR			
Category Earthen Levee			GPS Latitude/Longitude					
Calegory	ategory					End		
Item		rface / Depres	ssions /	37.5842	73 °	37.584273°		
пеш	Rutting			-121.1610	34 °	-121.161034°		
DWR ID	WR ID DWR_RD2092_01_s _ 2017_37							
	Comment Code							

C3: Add appropriate gravel or road base. Grade and compact.

Inspector Comment

No Photos

LM Start	2.04	Rating **	С	Issue No.		29	
LM End	2.04	Issue Type +	Ма	Location *		CR	
Category	Earthen L	evee		GPS La	titud	de/Longitude	
Category				Start		End	
Item		rface / Depres	ssions /	37.5842	70°	37.584270	0
пеш	Rutting			-121.1588	20°	-121.158820	0
DWR ID	DWR_RD2	092_01_s _ 201	7_29				
		Comn	nent Cod	le			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.07	Rating **	A/W	Issue No.		978				
LM End	2.07	Issue Type + Ma Location *		Location *		Location *		+ Ma Location *		
Category	Supplemental			GPS Latitude/Longitude						
Calegory			Start		End					
Item	DWR UCI	P LMA Respo	nsibility	37.5842	ı2°	37.584212°				
пеш		-			۱7°	-121.158347°				
DWR ID	20564									

Inspector Comment

Comment Code

FS_ID:20904 DS_ID:20564 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

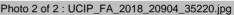
FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Filled with concrete on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.10), 36-inch pipe listed].

FS Date: 9/24/2013

LM Start	2.07	Rating **	A/W	Issue No.	978 (cont)
LM End	2.07	Issue Type +	Ма	Location *	



Pipe and concrete headwall visible on LS toe to right of powerpole.





Pipe and concrete headwall visible on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.07	Rating **	М	Issue No.		43	
LM End	2.07	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Trim / Thin Trees			37.5842	215°	37.584215°		
Item				-121.158290 °		-121.158290 °	
DWR ID	DWR_RD2	092_01_f _ 201	8_43				
		Comn	nent Cod	de			
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
		Inonacto	or Comm	ant			
		mspecio	or Comm	ient			
remove tre	es before	they are estat	olished				



View of saplings along landside levee toe. (Fall 2018)

			_				
LM Start	2.20	Rating **	С	Issue No.	30		
LM End	2.20	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Crown Surface / Depressions /			37.583080 °		37.583080°		
пеш	Rutting			-121.156387°		-121.156387°	
DWR ID	DWR_RD2	092_01_s _ 201	7_30				
		Comn	nent Cod	le			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			
		Inspecto	or Comm	nent			

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.40	Rating **	М	Issue No.		981
LM End	2.40	Issue Type +	Ма	Location *		
Category			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCI	P LMA Respo	nsibility	37.58042	6°	37.580426°
пеш				-121.15679	8°	-121.156798°
DWR ID	20567					·

Inspector Comment

Comment Code

FS_ID:20943 DS_ID:20567 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 Appears abandoned and if so should be

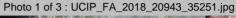
done so properly. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Concrete headwall on the landside (LS) toe next to pump. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M

Manual 5, August 1961, (HLM 2.44)].

FS Date: 9/24/2013

LM Start	2.40	Rating **	М	Issue No.	981 (cont)
LM End	2.40	Issue Type +	Ma	Location *	





24-inch pipe visible on WS berm.

Photo 2 of 3: UCIP_FA_2018_20943_35250.jpg



Concrete U-shaped headwall and flapgate on WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.40	Rating **	М	Issue No.		981 (cont)
LM End	2.40	Issue Type +	Ма	Location *		
Category			GPS Latitude/Longitude			
Calegory			Start		End	
Item	DWR UCI	P LMA Respo	nsibility	37.58042	6°	37.580426°
пеш				-121.15679	8°	-121.156798°
DWR ID	20567					·

Inspector Comment

Comment Code

FS_ID:20943 DS_ID:20567 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 Appears abandoned and if so should be

done so properly. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Concrete headwall on the landside (LS) toe next to pump. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M

Manual 5, August 1961, (HLM 2.44)].

FS Date: 9/24/2013



Concrete headwall next to pump on WS toe.

LM Start	2.42	Rating **	U	Issue No.		25
LM End	2.71	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Vegetatio	n		37.5802	02°	37.576059
пеш				-121.1569	04°	-121.157241
DWR ID	DWR_RD2	092_01_f _ 201	8_25			

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

View of landside slope completely obstructed up vegetation.

Photo 1 of 1: FA_2018_RD2092_116_25_20181005_00054.jpg



View of vegetation along landside slope looking upstream. (Fall 2018)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.55	Rating **	U	Issue No.		19	
LM End	2.55	Issue Type +	Ма	Location *		LS	
Category	Earthen L		GPS La	atitud	e/Longitude		
Category			Start		End		
Item	Vegetation			37.5783	333°	37.578333°	
пеш			-121.157011 °		-121.157011 °		
DWR ID	DWR_RD2	092_01_s _ 201					
		Comn	nent Cod	de			
V7 : Trees	/ Woody \	/egetation					
			•				
		Inspecto	or Comm	nent			
Palm tree	at landwar	d toe should b	e remov	/ed.			



Looking at Palm tree at landward toe. (Spring 2018)

LM Start	2.59	Rating **	U	Issue No.		44		
LM End	2.61	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Control			37.5777	89°	37.577496°		
пеш				-121.1570	90°	-121.157123°		
DWR ID	DWR_RD2092_01_f _ 2018_44							

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several burrows along the landside slope.

Photo 1 of 1 : FA_2018_RD2092_116_44_20181005_00056.jpg



View of animal burrows looking upstream. (Fall 2018)

LM Start	2.63	Rating **	U	Issue No.		17			
LM End	2.76	Issue Type +	Ма	Location *	WS				
Category Earthen Levee			GPS Latitude/Longitude						
Category				Start		End			
Item	Animal Co	ontrol		37.5771	86°	37.575364	0		
item				-121.1571	59°	-121.157093	0		
DWR ID	DWR_RD2	092_01_s _ 201	8_17						
		0 10 1							

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several large rodent holes within this reach.

Photo 1 of 4 : FA_2018_RD2092_116_17_20180905_00004.jpg



Looking upstream on waterward slope at several large rodent holes. (Spring 2018)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		3.71	10/04/2018 10/04/2018	Corey Fujitani

	2.63	Rating **	U	Issue No.	17 (cont)		
LM End	2.76	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Co	ontrol		37.5771	86°	37.575364°	
пеш				-121.157159°		-121.157093 °	
DWR ID	DWR_RD2	092_01_s _ 201	8_17				
Comment Code							
A1 : Extern	ninate rode	ents and back	fill and o	compact or	grou	t burrows.	
Inspector Comment							
Several large rodent holes within this reach.							

Photo 2 of 4 : FA_2018_RD2092_116_17_20180905_	00005.jpg
的是这个手架下了	
	A.F
	100

Looking at typical large rodent holes on waterward slope. (Spring 2018)

 LM Start
 2.63
 Rating **
 U
 Issue No.
 17 (cont)

 LM End
 2.76
 Issue Type +
 Ma
 Location *
 WS

Photo 3 of 4: FA_2018_RD2092_116_17_20180905_00006.jpg



Looking upstream at large rodent holes on waterward slope. (Spring 2018)

LM Start	2.63	Rating **	U	Issue No.	17 (cont)
LM End	2.76	Issue Type +	Ma	Location *	WS



Looking downstream at several rodent holes on waterward slope. (Spring 2018)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

	2.82	Rating **	U	Issue No.		35	
LM End	3.01	Issue Type +	Ma	Location *	WS		
	Category Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Animal Control			37.5748	69°	37.574141 °	
пеш				-121.1562	47 °	-121.152762 °	
DWR ID DWR_RD2092_01_s _ 2017_35							
Comment Code							
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.							
Inspector Comment							

Photo 1 of 4 : FA_2018_RD2092_116_35_20180905_00013.jpg	
OQ X7 2017	

Updated picture of the rodent holes on the waterside of the levee looking upstream. Fall 2017

LM Start	2.82	Rating **	U	Issue No.	35 (cont)
LM End	LM End 3.01 Issue Type +		Ma	Location *	WS

Photo 2 of 4: FA_2018_RD2092_116_35_20180905_00014.jpg



View of multiple rodent holes on the waterside slope of the levee. Spring 2017

LM Start	2.82	Rating **	U	Issue No.	35 (cont)
LM End	3.01	Issue Type +	Ma	Location *	WS



Looking at Tyical view of rodent holes on landward sloop within this reach. (Spring 2018)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	2.82	Rating **	U	Issue No.	35 (cont)		
LM End	3.01	Issue Type +	Ma	Location *	WS		
Cotagon Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Animal Control		37.574869°		37.574141 °		
пеш			-121.1562	47°	-121.152762°		
DWR ID DWR_RD2092_01_s _ 2017_35							
Comment Code							
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.							

Inspector Comment



Looking upstream at several rodent holes on landward slope. (Spring 2018)

Photo 1 of 1: FA_2018_RD2092_116_16_20181005_00057.jpg

LM Start	2.88	Rating **	М	Issue No.		16		
LM End	2.88	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Vegetation ltem		37.574624°		37.574624°				
item				-121.155045 °		-121.155045 °		
DWR ID DWR_RD2092_01_f _ 2018_16								
Comment Code								
V1 : Control annual grass and weeds on the levee slopes and								

easements.

Inspector Comment



Vegetation along landside slope. (Fall 2018)

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	3.47	Rating **	М	Issue No.		984
LM End	3.47	Issue Type +	Ma	Location *		
Category			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCIP LMA Responsibility			37.57330	4 °	37.573304°
пеш				-121.14474	7°	-121.144747°
DWR ID	20572					

Inspector Comment

Comment Code

FS_ID:20945 DS_ID:20572 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 This pipe appears abandoned and if so,

should be done so properly. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 3.52)].

FS Date: 9/24/2013

LM Star	t 3.47	Rating **	М	Issue No.	984 (cont)
LM End	3.47	Issue Type +	Ma	Location *	

Photo 1 of 3: UCIP_FA_2018_20945_35261.jpg

09/24/2013 11:02

48-inch CMP riser on WS slope.

Photo 2 of 3: UCIP_FA_2018_20945_35260.jpg



Grate over sump on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 2092 Dos Rios

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	3.71	10/04/2018 10/04/2018	Corey Fujitani

LM Start	3.47	Rating **	М	Issue No.		984 (cont)		
LM End	3.47	Issue Type +	Ма	Location *				
Category	Supplemental			Supplemental		GPS Lat	itud	e/Longitude
Calegory			Start		End			
Item	DWR UCI	P LMA Respo	nsibility	37.57330	4 °	37.573304°		
пеш				-121.14474	7 °	-121.144747°		
DWR ID	20572					·		

Inspector Comment

Comment Code

FS_ID:20945 DS_ID:20572 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 09/24/2013 This pipe appears abandoned and if so,

should be done so properly. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: *ABANDÓNED* 36-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961,

(HLM 3.52)]. FS Date: 9/24/2013



Grate over sump on LS toe.